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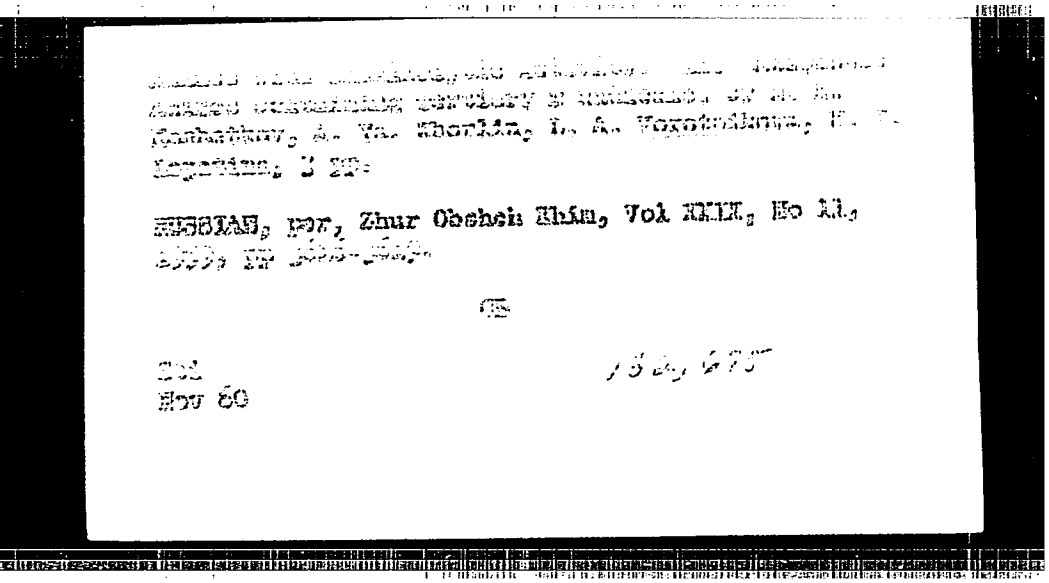

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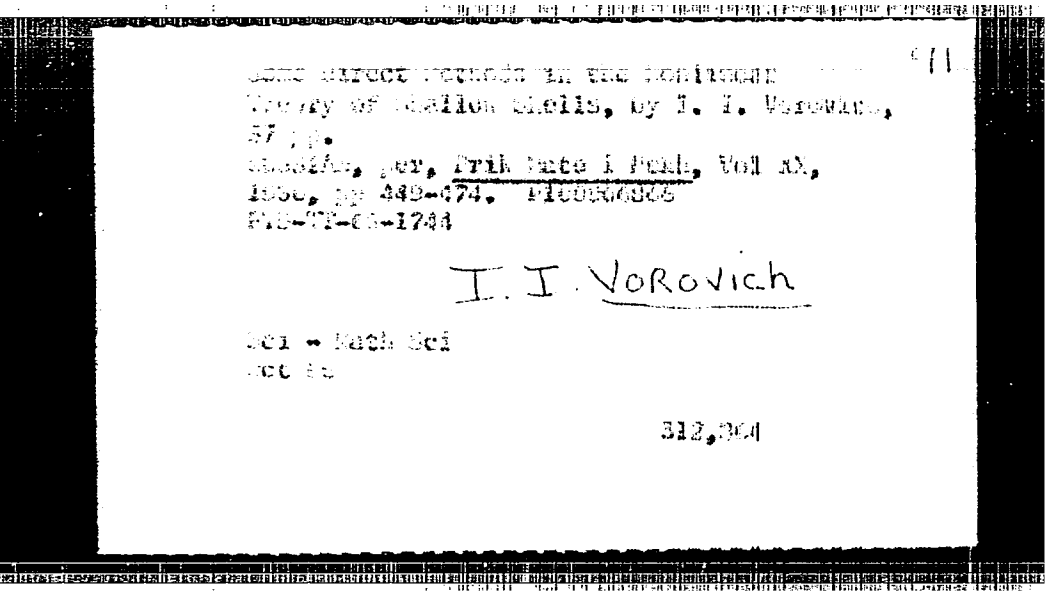

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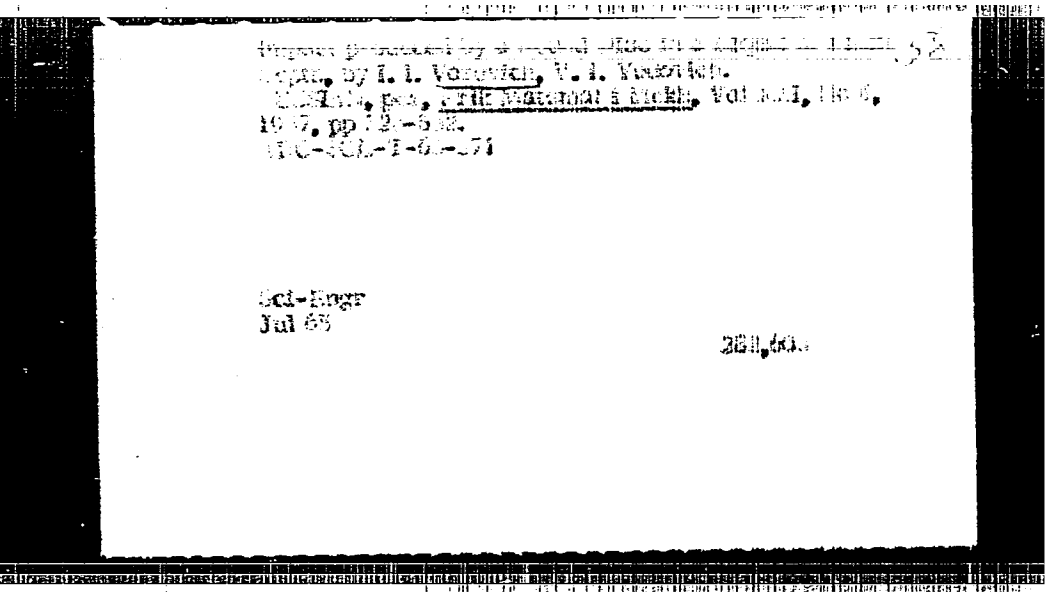

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Order from OTS or SLA $1.10 61-18223

Condensed trans. of Zhurnal Prikladnoi Khimii (USSR) 1945, v. 18 [no. 1/2] p. 10-14.

DESCRIPTORS: Oxidation *Phenanthrenes, Catalysts, *Vanadium compounds, Oxides, Vapor phase, Crystals, Naphthalenes.

Observations of the process of oxidation of hydrocarbons over vanadium pentoxide were correlated with a study of microphotographs of the surface of samples of the catalyst. It was established that vanadium pentoxide interacts with the charge and this results in essential changes of its surface involving reduction to the tri-

(Chemistry--Physical, TT, v. 6, no. 8) (over)

61-18223

I. Vorozhtsev, N. N.
II. Gurevich, D. A.
III. Title: Mechanism...

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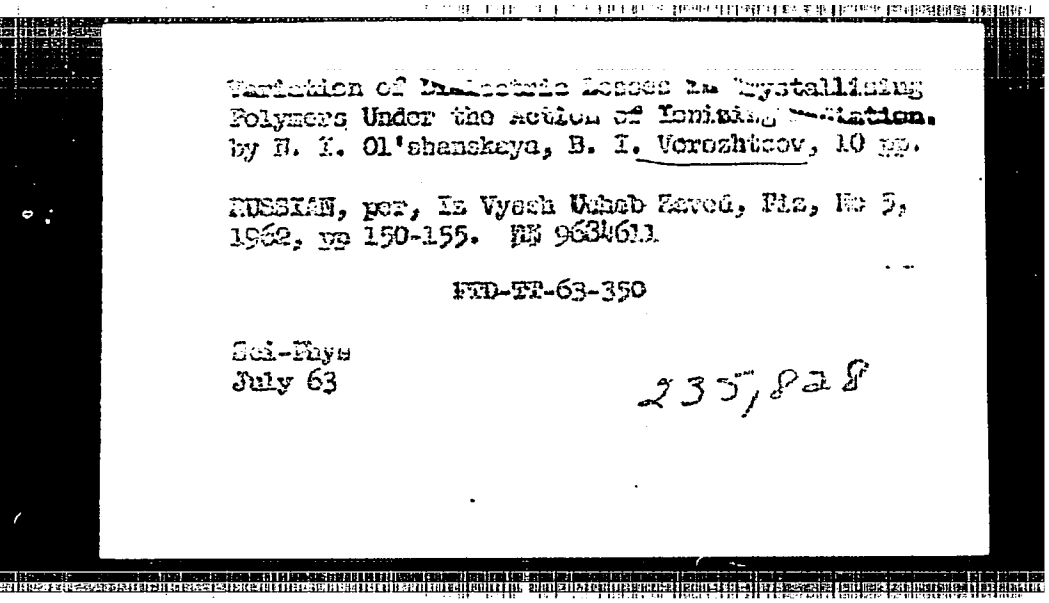

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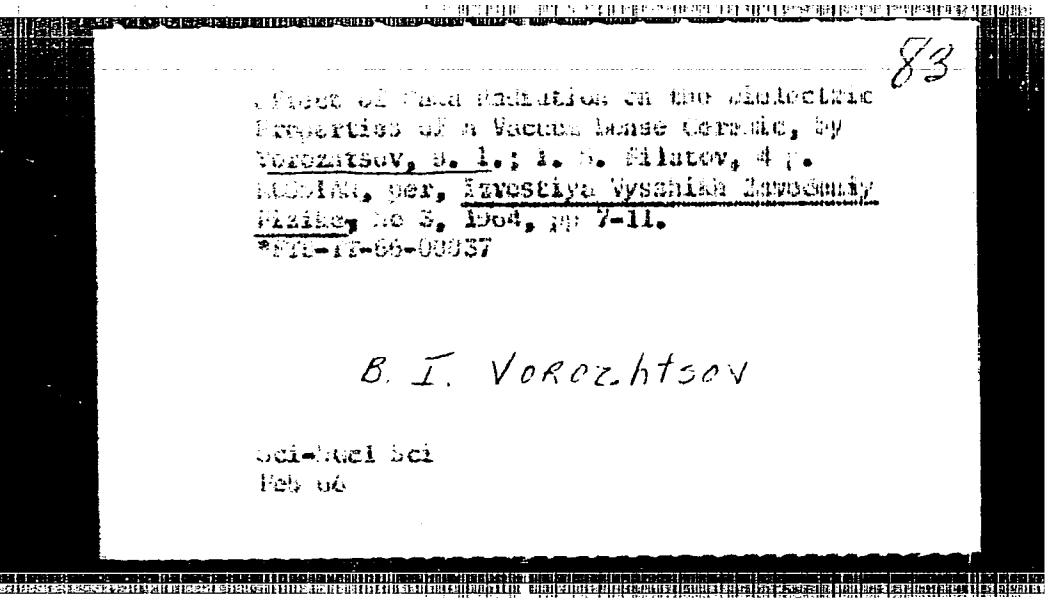

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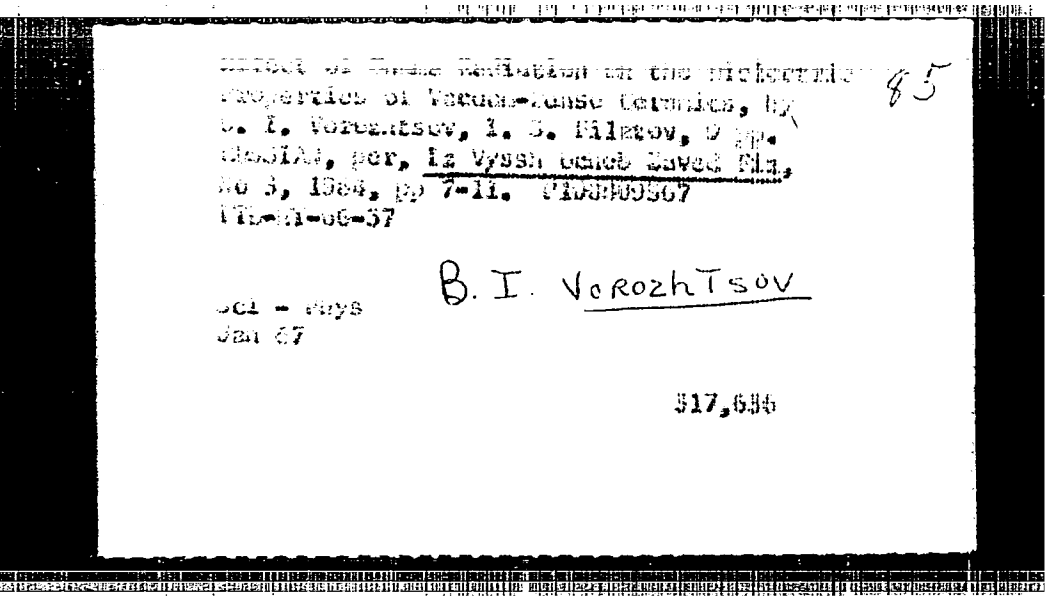

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Order from ATS $4.00 ATS-82N49R

Trans. of Akad[emiya] Nauk SSSR. Doklady, 1960, v. 134, no. 5, p. 1085-1086.

DESCRIPTORS: *Sulfur, *Naphthalenes, Chemical reactions.

ATS-RJ-3699

(Chemistry--Organic, TT, v. 6, no. 7)

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